

Title (en)  
A plastics bottle.

Title (de)  
Kunststoff-Flasche.

Title (fr)  
Bouteille en plastique.

Publication  
**EP 0385693 A1 19900905 (EN)**

Application  
**EP 90302016 A 19900226**

Priority  
GB 8904417 A 19890227

Abstract (en)  
A plastics bottle for carbonated drinks has a side wall (4) and a base (5) formed with a central area (8) surrounded by circumferentially spaced projecting feet (6) separated by substantially parallel-sided straps (7). The central area (8) and the straps (7) define a continuous smooth domed surface with no re-entrant portions. The ratio of the combined width of the straps (7) to the outside circumference of the base (5) is in the range from 1:5.5 to 1:6.5 and preferably 1:6. Preferably the base (5) has only seven projecting feet (6). This configuration is particularly useful with bottles of small size and enables a saving in plastics material of up to 40% by weight.

IPC 1-7  
**B65D 1/02**

IPC 8 full level  
**B65D 1/02** (2006.01)

CPC (source: EP US)  
**B65D 1/0284** (2013.01 - EP US)

Citation (search report)  
• [AD] EP 0028125 A1 19810506 - CONTINENTAL GROUP [US]  
• [AD] FR 2141963 A1 19730126 - DU PONT

Cited by  
US5139162A; US5664695A; US5452815A; US5064080A; US5320230A; EP1021342A4; IT201800005338A1; CN112839874A; EP0671331A1; BE1005183A3; US5988416A; US5615790A; US5685446A; US5850931A; US6296471B1; WO2019220327A1; US6213325B1; US6260724B1; US6659299B2; US6908002B2; US7198163B2; US7520400B2

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